## Index

Entries are by paragraph number unless figure (fig.) or page (pg.) is specified.

<b>A</b> Aachen, 1-15, pg. 3-4, pg. 6-27–6-28	airlift operations, C-3 airspace, 2-12, 4-42 alliances, 1-25	assessment, 2-70, 2-74, 5-3-5-7, 5-35, pg. 6-4 CSS, 9-9
Aachen, 1-15, pg. 3-4, pg. 6-27-	airspace, 2-12, 4-42 alliances, 1-25 ambush, 2-16, 2-23, 3-13, 3-17, 3-33 locations of, B-40 Somalia, C-7 Suez, pg. 7-14 American Civil War, 1-12 American Revolution, 1-12 amphibious operations, 2-13, pg. 6-32, D-12 analysis, 2-51, 2-57 environment, 5-7 IPB, B-3 anticipation, 9-2 area defense, 7-21, pg. 7-6 ARFOR commander, 4-16, 4-17 armed factions, support to, 3-40 Arnhem, 1-9 ARSOF element, 4-86 artillery, direct fire, pg. 6-29 positioning of, 5-62 assault, Marine Corps, D-12 assess, pg. 1-2, 1-11, 2-42, 4-6, pg. 4-2, pgs. 5-9-5-10, 5-30 CHS, 9-54	5-35, pg. 6-4 CSS, 9-9 cycle of effects, 2-54 failed, C-10 focus of, 6-46-6-51 IPB, B-8 LPT, 9-9, 9-17 meeting engagement, 6-34 offensive operations, 6-40 terrain, B-13 assets, security of, 5-71 association matrix, IPB, B-39 asymmetric, limitations, 3-19 attack, 6-4 asymmetry, 3-1 attack, 3-4, 6-3, 6-35, 6-71 breakout, 7-35 effects of, 8-13, 8-14 decisive, 7-22 deliberate, 6-35, 7-49 focused, 3-33 forms of, pgs. 6-12-6-13 frontal, 6-32, fig. 6-7, pg. 6-12, fig. 6-9, 7-31 Hue, fig. 6-14, fig. 6-15 mitigating, 3-33
·		, 0 , 0

aviation, Army, 6-67	bounty programs, support to, 9-71	transition, pg. 5-12, 9-90, 9-93
assets, 2-12	Brest, pgs. 6-3-6-4	canalization, 5-50–5-51, 7-6. See
Marine Corps, D-15	Brittany, pgs. 6-3–6-5, fig. 6-1	also compartmentalization;
special operations, D-44	buildings, 2-9, 2-12. See also infrastructure, construction	terrain
supply, 9-22	·	Cassino, 1-10
use of, 6-77	concealment in, 7-7	casualties, 1-17, 3-4, 3-13, 4-5-
Ayodya, pg. 3-13	core, 2-29–2-30	4-6, pg. 5-11
_	CSS, 9-11	accepting, C-14
В	destruction of, 9-23	avoiding, A-7, A-17, A-23
band support, CSS, 9-81	effects of, 5-41, 5-64, 5-59, 7-4, 7-5, 9-4, B-15	causing, 2-16, 3-22, 8-13,
base security, 8-8, pg. 9-3	electronics, 4-40, 7-7	9-53, 9-61
Basra, 1-9	high-rise, 2-36	civilian, A-7
battle command, fig. 5-1	industrial area, 2-32	combat stress, 9-58, pg. 9-19
battle damage assessment, 5-57	information, B-15	planning for, 9-56
battle damage assessment and	obstacle, 2-15, 5-73, 5-74,	ROE, 4-26
repair, maintenance, 9-45	7-6	shaping operations, 5-8
battle rhythm, maintain, 6-8	terrain, fig. B-3	chaplains, 9-73, 9-74. See also
battlefield, effects, 4-11, B-8	variations of, 2-28	religion charts, IPB, B-39
multidimensional, 2-8–2-16, fig. 2-2	vulnerability, 2-24, 3-15, B-40	, , ,
organization, 6-12–6-26,	business district, overlay, B-40	Chechnya, 1-7, pg. 3-8, 3-25
7-19, 8-5–8-8	bypassing, 4-14	combat stress, pgs. 9-19– 9-20
urban, pg. 3-1		media, 2-67
	_	•
battlespace, 2-8	С	chemical, biological, radiological,
battlespace, 2-8 decisive operations, 5-13	<b>C</b> C2, 3-18, 4-11, 5-83–5-97	nuclear, and high-yield, 8-11,
•	_	nuclear, and high-yield, 8-11, 8-12
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33,	C2, 3-18, 4-11, 5-83–5-97	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53
decisive operations, 5-13 shaping, 3-27 Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10 Belfast, pgs. 8-9–8-10	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53-9-64
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53-9-64
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11 biological, 3-3	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11 terrain, 5-99	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53–9-64 medical procedures, 9-55
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11 biological, 3-3 body armor, use of, 9-63  Bombay, pg. 3-13  BOS, 4-34, 5-38, 5-39–5-97,	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11 terrain, 5-99 C2 system, 5-84, 5-86, 5-95, 6-64	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53–9-64 medical procedures, 9-55 personnel, 9-62, 9-64 pollution, 3-46 WMD, 9-55
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11 biological, 3-3 body armor, use of, 9-63  Bombay, pg. 3-13  BOS, 4-34, 5-38, 5-39–5-97, fig. 5-5	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11 terrain, 5-99 C2 system, 5-84, 5-86, 5-95, 6-64 CA, 1-22, 2-6, 8-26 CMO, 9-89–9-91 functional skills, 9-89, fig. 9-6	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53-9-64 medical procedures, 9-55 personnel, 9-62, 9-64 pollution, 3-46 WMD, 9-55 civil considerations, 2-44, 5-36,
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11 biological, 3-3 body armor, use of, 9-63  Bombay, pg. 3-13  BOS, 4-34, 5-38, 5-39–5-97, fig. 5-5 affected by, pg. 5-1	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11 terrain, 5-99 C2 system, 5-84, 5-86, 5-95, 6-64 CA, 1-22, 2-6, 8-26 CMO, 9-89–9-91	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53–9-64 medical procedures, 9-55 personnel, 9-62, 9-64 pollution, 3-46 WMD, 9-55 civil considerations, 2-44, 5-36, 6-18
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11 biological, 3-3 body armor, use of, 9-63  Bombay, pg. 3-13  BOS, 4-34, 5-38, 5-39–5-97, fig. 5-5 affected by, pg. 5-1 CSS, 9-9	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11 terrain, 5-99 C2 system, 5-84, 5-86, 5-95, 6-64 CA, 1-22, 2-6, 8-26 CMO, 9-89–9-91 functional skills, 9-89, fig. 9-6	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53–9-64 medical procedures, 9-55 personnel, 9-62, 9-64 pollution, 3-46 WMD, 9-55 civil considerations, 2-44, 5-36, 6-18 assessment of, 9-92–9-93
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11 biological, 3-3 body armor, use of, 9-63  Bombay, pg. 3-13  BOS, 4-34, 5-38, 5-39–5-97, fig. 5-5 affected by, pg. 5-1 CSS, 9-9 support to, 7-43	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11 terrain, 5-99 C2 system, 5-84, 5-86, 5-95, 6-64 CA, 1-22, 2-6, 8-26 CMO, 9-89–9-91 functional skills, 9-89, fig. 9-6 intelligence, 9-91	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53-9-64 medical procedures, 9-55 personnel, 9-62, 9-64 pollution, 3-46 WMD, 9-55 civil considerations, 2-44, 5-36, 6-18 assessment of, 9-92-9-93 importance of, B-7-B-8
decisive operations, 5-13 shaping, 3-27  Beirut, 1-10, pg. 6-28, A-1–A-33, fig. A-1 civilians, A-6 defense of, A-5 negotiations, A-12 siege, A-10  Belfast, pgs. 8-9–8-10  Benelux, 1-15  Berlin, 1-11 biological, 3-3 body armor, use of, 9-63  Bombay, pg. 3-13  BOS, 4-34, 5-38, 5-39–5-97, fig. 5-5 affected by, pg. 5-1 CSS, 9-9	C2, 3-18, 4-11, 5-83–5-97 advantage of, 6-25 airspace, B-40 counterattacks, 7-49 definition, 5-83 joint, 4-85 Los Angeles, pg. 8-13 philosophy of, 8-32 risks, 4-15 SOF, 4-84, D-36 threat, 5-11 terrain, 5-99 C2 system, 5-84, 5-86, 5-95, 6-64 CA, 1-22, 2-6, 8-26 CMO, 9-89–9-91 functional skills, 9-89, fig. 9-6 intelligence, 9-91 SOF, 4-3	nuclear, and high-yield, 8-11, 8-12 chemicals, fig. 2-6, 2-34, 3-3 defense, 2-35 terrain and, 4-29 Chicago, 1-19 China, 3-45, pg. 3-14 choke points, 6-14 CHS, commander, 9-54 components of, 9-53 CSS, 9-53–9-64 medical procedures, 9-55 personnel, 9-62, 9-64 pollution, 3-46 WMD, 9-55 civil considerations, 2-44, 5-36, 6-18 assessment of, 9-92–9-93

civilian agencies, legitimate, 5-22	protecting, 3-20, 5-91, 6-62,	risks, 6-50
protection of, 8-2	8-6, 8-27	ROE, 4-26
threat analysis, B-23	reconnaissance, 4-45, 7-11	shaping operations, 5-8
transition, 5-22, 6-82, 7-50	resources for, 7-43	combat lifesaver, 9-61
civilian authorities, 1-19, 5-70, A-31, B-22	risk to, 2-9, 2-39, 2-40, 2-73, 2-77, C-15	combat operations, challenges, A-33
Los Angeles, pg. 8-13	ROE, 4-30	civilians, 9-55
responsibilities of, 9-55	stability operations, 8-10	effects of, 9-31
stability operations and	survivability, 5-79	PME, 1-25
support operations, pg. 8-2	sustaining operations, 6-17	push system, 9-29
transportation, 9-51	threat, B-23-B-32	stability operations, 6-81
civilian support, 3-12, pg. 3-10,	weather, B-16	supply, 9-21
9-17	close air support, 9-50, D-15,	training, pg. 9-19
characteristics, 3-21, B-29-	D-49	combat power, 5-1, 5-102–5-105,
B-30	close combat, 5-26, 6-21, A-21-	A-4
Los Angeles, pg. B-14	A-22	achieving, 7-16
mobility, 5-75	close coordination, 4-84, D-2	applying, 8-37, 8-38, B-3,
perceptions of, 8-22	CMO, 2-54, 4-79, 7-43	C-21
risk assessment, 5-6	assistance from, 9-90	building, 7-47
civilian, 2-14, 2-44, 2-48, 2-58,	CSS, 9-88–9-93	concentration, 6-5
2-75	IO, 9-91	conservation of, 5-29
actions, B-28	shaping, 5-13	defense, 7-1, pgs. 7-13-7-15
affected by, 2-59, B-16	weather, B-16	7-45
ally, B-30	CMOC, 4-88	density, 5-105
casualties, 9-37	use of, C-22	enhance, 7-3
categorizations, B-26	coalition support, D-37, D-41	focus, A-23
challenges of, 3-23, 5-44	Coast Guard, 4-36, D-24–D-25	frontal attack, 6-32
combat zone, A-28	COG, 2-5, 7-15	ground, 5-103
control, 5-37, 8-41-8-42	commander, 6-21	Hue, pg. 6-23
crime, B-27	dominate, 5-16	integration, 5-90
effects of, 2-42, 6-81,	identifying, C-21	logistics support, 9-28
pgs. 7-14–7-15, pg. 8-10, 9-25, 9-59, A-28, A-29	ISR, 4-55	needed, 9-16
groups, 3-24, B-29–B-30	neutralize, 6-12	offensive operations, 6-15
health, 5-91, 9-55	potential, 2-43-2-44	physical aspects, 7-9
HRS, 9-67	stability operations and	restraint, 8-37
	support operations, pg. 8-1	synchronization, 6-4, 6-6,
infiltration, 6-30	collateral damage, 4-8, 5-34	6-25, 6-26, 7-36, 5-90,
information and, 3-24	Beirut, A-25-A-26	5-101
interaction with, 2-52, pg. 3-8, D-52	causing, 3-22	terrain, 5-102
logistic constraint, A-6	concerns, 5-59, A-17	combat stress, behaviors, 9-58
masking, 7-11	considerations, 6-50, 7-39	casualties, 9-58, 9-73
mortuary affairs, 9-37	firepower, 5-65	Chechnya, pgs. 9-19-9-20
multinational forces, D-51	minimizing, 5-30, 5-63, 5-91,	CHS, 9-58-9-59
OPSEC, 4-64	6-75, 7-18, 8-37, 9-52,	effects of, 9-58
JI 020, 7 07	A-23, A-25–A-26,	religious support, 9-73

combatants, A-28-A-29 4-61, 5-35, 5-55, 5-66, subordinate, 4-38, 5-84, 5-88 5-73, 5-82, 6-5, 6-8, 6-60, separate, 5-31-5-32 tasks, 1-2, 2-6, 2-21, 2-35, 6-80, 7-11, 7-30, 8-4, 8-30, 4-10, 4-52, 5-3, 5-6, 5-38, combined arms, capabilities, 4-4 9-1, 9-4, 9-8, 9-12, 9-14, 5-87, 5-90, 5-103, 6-13, coordination, 5-93 9-19, 9-26, 9-27, 9-30, 6-15, 6-63, 6-84, 8-5, 8-16, operations, 2-31 9-31, 9-42, 9-44, 9-45, 8-20, 8-24, 8-27, 8-29, 9-55, 9-60, 9-71, 9-74, 8-34, 8-39, 8-42, 9-33, synchronization, 5-93 9-75, 9-82, 9-83, 9-84, 9-36, 9-37, 9-49, 9-78, task organization, 5-49, 5-53-9-92, B-4, B-6, B-10, B-12, 9-88, A-26, B-3, B-5, B-8, 5-54, 5-73, 6-65 B-21, B-26, B-29, B-30, B-13, B-15, B-21, B-22, teams, 6-23 D-3, D-33, D-52 B-26, B-28, B-32, D-1 use of, 6-1 cooperation of, 9-14 training, 8-31 command post, 5-96 coordination, 6-20, 8-7, C-23 transition, 6-79 command structure, 4-16, C-24 credibility, 4-81 understanding, B-8, B-21, commander, actions, 2-43, 4-90, CSS, 9-18 D-17 9-18, 9-90, C-23 deception, 4-69 water, 9-35 alternatives, 4-14-4-15 decisive point, 6-47 commander of major operations, assess, pg. 2-2, 2-54, 2-70, 2-69, 4-1, 4-34, 4-35, 4-36 dominate, C-21 2-74, 4-15, 5-30, 8-21, assessment, 6-41 evacuation, 9-60 8-24 commitment, 8-43 executing, 4-15, pg. 8-1 assessment, 4-25, 4-67, pg. considerations, 2-73, 5-85, fire power, 5-65 5-10, 6-50, 6-51, 6-56, 9-20, 6-72, 7-30, 9-54, 9-70 flexibility, 5-21, 9-7 decisive operations, 6-20 assistance to, 2-5, 5-66, 9-69, focus, pg. 4-1 dominate, 8-37 9-73, 9-75, 9-93, B-33, food, 3-41 D-33, D-50 exploitation, 6-36 influencing, 2-65, 8-33 balance, 6-23 integration, 4-23 integration, 5-70, 7-19, C-23 C2 system, 5-83 isolation, 5-10 intelligence, 5-88 CA. 9-89 maneuver, 6-71 IPB process, 9-92, B-20, B-21 capabilities, 3-19, 4-17, 5-3, options, 7-35 LPT. 9-16. 9-54 D-36 perspective, 7-24 mental agility, 5-92, 7-18 challenges, 2-6, 2-67, 3-9, resources, 4-33, 7-36 operational requirements, 3-47, 5-93, 8-29, 8-31, B-4 responsibility, 4-85 4-59, 9-2 choices, 3-56, 4-45, 5-28, shaping, 5-8, 6-52, 7-33 6-76, 9-4 options, 5-59, 6-23, 6-27, 9-80 SOF, 4-84 CHS, 9-54 PA, 2-66 stability operations and civilians, 5-44, B-29 support operations, 8-4 planning, 2-23, 4-23, 5-20, COG, 6-21 6-78, 7-31, 9-18 transitions, 8-40 collateral damage, 5-65 priorities, 9-8, 9-86 commander's critical information combined arms, 2-31 requirements, 4-55, 4-59, 5-2 requirements, 4-37, 4-47 communications, 5-95, C-28 commerce, 2-74-2-75. See also resources, B-32 concept of the operation, 4-24 economics ROE, 4-32, 5-30, B-9 considerations, 2-11, 2-13, infrastructure, fig. B-5 security, 8-21 2-15, 2-16, 2-18, 2-24, overlay, B-40 2-26, 2-28, 2-37, 2-40, shaping operations, 5-9 commercial ribbon area, 2-41 2-42, 2-44, 2-48, 2-51, situational understanding, commitment, 8-43 2-69, 3-20, pg. 3-8, 3-35, pg. B-1, B-9, B-33 3-37, 4-1, 4-3, 4-7, 4-8, communicable diseases, 9-56

stability operations and

support operations, 8-20

4-10, 4-13, 4-14, 4-38,

communications, 2-61–2-67, 4-36,	conventional forces, infiltration,	sustaining operations, 6-14
pg. 5-31	6-30	vulnerability to, 6-37
capabilities, D-34	integration of, 4-84-4-86	withdrawal, 7-27
challenges, 5-93, fig. 5-8,	media, 2-66-2-67	counterintelligence, 3-15, 4-76
5-94, 5-96, pg. 6-3	movement to contact, 6-33	countermobility, 5-72-5-79, 7-39
command post, 5-96	SOF, 4-84, fig. 6-17	counterpropaganda, 4-68
commander, 5-95, C-28	threat analysis, B-22	counterterrorism, 3-15
disruption, 7-13	cooperation, logistics of, 9-6	cover and concealment, 2-12,
electronics, 4-40	coordination, 3-25, 4-15	2-31, 3-19, 3-22, 3-29, 3-48,
equipment, 9-46	agencies and, 4-87–4-90	5-41, 5-57
infrastructure, 5-41, fig. B-5	commander, C-23	defensive operations, 7-14
insurgents, 3-48	dominate, 8-33-8-34	dismounted movement,
interception of, 4-75	forces, 4-35	pg. 5-11
isolation, 5-11	ISR, 4-37	environment, 7-26
OPSEC, 4-63	joint, 4-36, D-3	indirect fire, 5-65
overlay, B-40	LNO and, 4-89	maneuver, 5-52
reconnaissance, 4-44	logistics of, 9-6	mobility, 5-73
security, 5-95	Los Angeles, pg. 8-13	Somalia, C-16
SIGINT, 4-53	Marine Corps, D-16	covered movement, 7-17
systems, 3-18	operational headquarters,	credibility, 2-66
training, 5-94	4-87	CMO, 9-88
compartmentalization, 5-50–5-51.	SOF, 4-84, D-36	commander, 4-81
See also canalization; terrain	stability operations and	crime, black market, 9-31
disruption, 7-13	support operations,	criminal organizations,
effects of, 6-21, 7-27, pg. 7-	pg. 8-1, 8-33–8-34	alliance, 3-50, 3-52-3-53,
15, 9-59, 9-61, B-16, 7-10	threat analysis, B-22	pg. 3-17
computer, impact of, 2-63	COP, 3-9, 5-88	civilians, B-27
computer network operations,	developing, 6-45	resources, B-32
4-71-4-74	ISR, 4-52	critical infrastructure, 5-91
concealment, 3-21, 4-39, 4-43, 7-7. See also cover and	maintaining, 5-5	denial of, 5-17
concealment	core, 2-29–2-31	preserving, 5-34
concept of the operation, 4-24	overlay, B-40	crowd control, 9-68, C-12
conflict, to change, 3-12	counterattacks, asymmetric, 7-48	CSS, 2-60, 4-15, 5-80–5-82, 9-33
Congo, food, pg. 3-14	avoiding, 3-17	attainability, 9-3
construction, terrain, fig. B-3	coordination of, 7-49	characteristics, 9-1–9-8
continuous operations, 3-31, 3-46,	defeating, 6-85	counterattacks, 7-49
5-55	defensive operations, 7-14	functions, pg. 9-1, 9-18–9-81
control operations, SF, D-42	disadvantages, pg. 6-31	fig. 9-3
control the essential, Beirut, A-24	Hue, pg. 6-22	integration, 9-6
conventional, counterattack,	Metz, pg. 6-12	operational framework, 5-2
pg. 6-31	mobile defense, 7-23	operation plan, 9-16
reconnaissance, 4-45, 4-51,	offensive operations, 4-19	responsiveness, 9-2
6-49	preparation for, 6-85, 7-44	restrictions, 9-12
threat, 6-54	Seoul, pg. 6-31	sustaining operations, 8-8
warfare, 1-20, D-53		

culture. See also customs; ethnic defense, counterattacks, 7-44 operational framework, 7-29 assessment of, C-10, C-16 depth, 7-47 overlay, B-40 effects of, C-13 dominate, 5-17 preparation, 7-3-7-7, 7-31, 7-34 instability of, pg. 3-13 enemy, 5-9 retrograde, 7-25 IO. 5-36 examples, 1-12, pg. 6-22, pgs. 7-6-7-9 shaping operations, 7-19, society, fig. B-4 7-37 fluid, 1-23 understanding, 5-35, B-17 Somalia, C-26 IO, 7-34 customs, mortuary affairs, 9-37 stability operations and ISR. 4-52 cycle of effects, 2-54, fig. 2-10 support operations vs., 8-3 OAKOC, 7-32 strong points, 7-4 population, 7-42 transition, 7-50, 7-51 security, pg. 7-15 deception, 4-69, 6-30, 6-56, 7-26 transportation, D-30 shaping, 7-37 effects of, 3-25 types, 7-20-7-28 weaken, 6-55 IO, 6-62, 7-34 urban patterns, 2-17 defensive operations, 1-2, 1-8, decisionmaking, 2-50, 4-81, 5-99, delays, 7-27, 7-35 1-14, 2-20, 2-31, 2-37, 4-20, 5-107, 6-63 5-9, 5-86, 6-83, 7-1, 7-46 demolitions, 7-39. See also threat, 6-26 explosives capabilities, 4-21 urban offense, 6-34 density, 5-100-5-101 casualties, 4-5 decisive operations, 5-96 deny, access, 3-6-3-7, 8-23 characteristics of, 6-47-6-49. battlespace, 5-13 7-2-7-18, 7-32 deployment, 5-13, 5-100, 9-70 defensive operations, 7-19 civil considerations, B-7 early, 4-48-4-51 dominate, 5-15, 8-30 civilians, 2-39, 7-42 depth, creating, 7-47 firepower, 3-17 close combat, 5-26 Detroit, 1-19 ground, 6-41 combat power, 7-45 developing nations, 2-27 offensive operations, 6-20considerations, 7-29-7-52 diagrams, IPB, B-39 6-26, 7-50 counterattacks, 7-44, 7-49 dimension of the battlefield, B-2 resources, 4-9 countermobility, 5-76 dimensions, using all, 3-28 security, 9-50 decisive operations, 7-19 diplomatic power, 8-16 shaping operations, 5-8, 6-12, dominate, 5-17, 7-45 direct, pg. 5-1 6-19, 8-7, 8-25 engineer units, 9-83 direct action, 6-61, D-39, D-41 stability operations, 8-10 equipment, 4-7, 9-21, 9-25, direct approach, 7-31 stability operations and 9-43 support operations, 8-6 direct fire, pg. 6-28 EW, 4-70 decisive points, 2-5, 2-21, 2-69, offensive operations, 6-66 pg. 5-11, 6-73 fire fighting support, 9-84 task organization, pgs. 6-27choosing, 6-22 HRS, 9-68 6-29 commander, 6-25 intelligence systems, 5-41 disaster relief operations, 9-34 defensive operations, 7-15 IO, 4-62, 7-34 discrimination, law of war, fig. 9-4 determination, 6-47 IPB, B-23 diseases, 3-43-3-46 dominate, 5-16 limitations of, 3-20 dangers of, B-22 isolation, 5-9, 6-53 maneuver, 5-52 new, 9-57 ISR, 4-55 disinformation, 3-26, 4-75. See mobility, 7-14 also propaganda: MTW, 1-23, 5-78, B-23 massing effects, 7-15 misinformation penetration, 6-31 Navy, D-18 displacement, delays, 7-27

offensive operations vs., 5-95

tactical level, 5-10

disruption, avoiding, 9-13 ROE, 4-26 obstacles, 6-9 defensive operations, 7-12-Somalia, C-18, C-19 operational, 4-26 7-14 Egyptian Army, pgs. 7-13-7-15 resources, 5-7, 9-28 PLO, A-15 electricity, 2-72 securing, 7-10, C-4, C-26 distance, 5-100-5-101 electronic, capabilities, 4-40 similarities, 2-3 distribution, 2-68-2-70, 9-16, 9-38 effects of, 2-56 size, 4-55 effects of, 9-28 isolation, 5-11, 6-62 support from, B-8 infrastructure, 2-68, fig. B-5 limitations of, 5-41, 7-7, 9-43 support in, D-4 overlay, B-40 warfare, 4-70, 5-11 system of systems, B-11 planning, C-11 end state, 4-24, 5-5, 5-23, 8-3 tactical techniques, pg. 2-1diversity, 4-52-4-55 2-2 enemy. See also threat DNBIs, causes, 9-31, 9-87 threats, B-22 assessment of, B-24 threat of, 9-56-9-57 understanding, 9-3, B-9 effects, 4-28 doctrinal framework, 7-19 variables, pg. B-1 engage, 3-31-3-32 doctrine, 1-20, 8-32 EOD, 9-65 energy, 2-71-2-73 application of, pg. 5-1 equipment, 3-1, 3-3, 4-7, 9-42 infrastructure, fig. B-5 amphibious, D-13 emphasis, 1-23 overlay, B-40 close combat. 5-26 offensive operations, pg. 6-1 engagement area, 2-10 domestic emergencies, support fixing, 9-43, 9-92 engineer units, 4-54, 9-83 operations, 3-41, 4-22, 8-11 sustaining operations, 6-16 evacuation, 9-60 dominate, pg. 1-2, 5-15-5-19, escalation, 4-13 planning, 7-39 pg. 5-11, 6-70-6-77, 7-45-7-49 essential, controlling, 5-28-5-29 CSS, 9-82-9-87, fig. 9-5 Air Force, D-10 services, 5-33, A-30 tasks, 2-9, 5-53, 5-74, 5-78, Beirut, A-3 ethics, 3-19, 3-22 9-35, 9-82 CA, 9-90 ethnic, 3-39. See also culture; envelopment, 6-28, fig. 6-3, 6-65 CSS, pg. 9-2 customs Metz, pg. 6-12, fig. 6-8 distribution, D-10 groups, pg. B-7 environment, 2-1-2-6 restraint, 8-37-8-38 society, fig. B-4 advantages of, pg. 7-1 shape vs., 6-74 tension, C-1 altered. 5-5 Somalia, C-21-C-25 evacuation, 3-20 analyzing, 5-7, B-8, B-12 stability operations and Beirut, A-32 assessment of, 7-32, 9-3, support operations, 8-30-C-10 casualty, 4-5 8-39 casualties, 9-53 civilians, 4-31 drop zones, limitations, 9-38 challenges, 4-55, 5-43, 7-10, delays, 9-61 B-22, pg. D-0, D-34 transportation, 9-60 E-F CSS, pg. 9-2 exploitation, 6-36-6-37 economics, 2-74-2-75, 3-34, 3-38, definition, 1-3 explosives, 3-15, 3-30, 9-62. See 3-49, 9-3, 9-70, fig. B-5. See delays, 7-27 also demolitions also financial management operations disruption, 7-12 external space, 2-11 overlay, B-40 effects of, 3-11, 5-83, 6-51, field artillery, tasks, 5-53 9-2, 9-9, 9-28, 9-56, A-26, key terrain, 5-28 field sanitation, training, 9-57 C-14 economy of force, 5-29, 6-77, field services, 9-30-9-39 evaluation of, B-6 7-41 financial management operations, indirect fire, 5-61 EEFI, OPSEC, 4-64 9-69-9-71

IPB, B-2

financial resources, civilians, B-30	protecting, C-8, C-24, D-4	hazardous facilities, overlay, B-40
fire fighting support, 9-84-9-86	resources and, 7-36-7-38	health. See also CHS
fire support, 3-22, 5-67, 5-56-	types of, 4-3-4-4	civilians, 5-91
5-65, 6-65,	foreign area, capabilities, 9-12	difficulties, 5-33, 9-54
Navy, D-18, D-19	form, terrain, fig. B-3	mental health, 9-73
systems, 5-59-5-60	framework, planning, 9-1	society, fig. B-4
FSCM, 4-11, 4-15	fratricide, causes, 4-11	helicopters, 5-50. See also aircraft
fires, 6-57–6-58, 6-75	effects of, 4-12	high-intensity UO, casualty, 4-6
air-delivered, D-8	minimizing, 4-15	historical significance, 1-4-1-20
planning, B-40	freedom of action, 7-42	history, society, fig. B-4
fixing force, mobile defense, 7-23	defensive operations, 7-19	Somalia, C-1
flexibility, CSS, 9-7-9-8	preserving, 8-23	street patterns, 2-23
defensive operations, 7-17-	friendly forces, 3-9, 3-24	host-nation, agreements, 9-78
7-18	frontal assaults, terrain, 4-5	support from, 9-17
distribution, 9-38	fuel, supply, 9-22	HRS, CSS, 9-66-9-68
ISR, 4-59–4-60	full spectrum operations, 1-2, fig.	hub, 2-17
need for, C-18	1-1, 4-18–4-22, pg. 4-1, 5-15,	Hue, 1-18, pgs. 3-9-3-10, 4-6,
transportation, 9-49	pg. 9-1	fig. 4-2, pgs. 6-21–6-24,
focus, ISR, 4-55	conduct, B-22	fig. 6-16
food, assistance, 3-51, 8-19, 9-31	CSS functions, 9-19	human capabilities, 4-41–4-46
shortages, 3-40–3-42, pg. 3-14	functional combatant command, capabilities, D-26–D-50	human dimension, 2-2, 4-30, 4-68, 5-42
Somalia, C-4	future operations, 2-59, 2-60	assessment, 5-5
force, application of, 9-80		effects of, 7-8
strength, 4-2	G–H	fire support, 5-59
force projection, 7-1	goals, objectives and, 4-80	flexibility, 5-92
force protection, 3-7, 3-20, 3-25, 4-4, 4-10, 5-13, 8-21–8-23,	government, challenges, 3-36, 8-36	ISR, 4-37 Somalia, C-12–C-13
accomplishing, 8-16	criminal organizations, 3-50	understanding, 5-35–5-36,
assessment, 8-22, pgs. 8-9– 8-10	legitimacy, 8-41	A-27
Beirut, A-31	society, fig. B-4	human services, 2-76–2-77
Belfast, pg. 8-9	tasks, 8-10	infrastructure, fig. B-5
establishing, 8-21	Greece, 1-4	overlay, B-40
isolation vs., 8-23	groups, B-29, 2-52–2-53	human shields, 3-22
stabilization vs., pg. 8-10	categorization, B-25, B-39	humanitarian assistance, 3-41, 8-11, C-2, C-9
	composition, 2-48-2-49	humanitarian relief, 3-40
forces, analysis by, C-14	governing, 3-47	
Army, 1-25, 9-14	location, 2-48–2-49, B-40	domination, 5-19
assistance from, 8-10	threat, B-25	NGO, C-5
complications to, 8-5	guerilla forces, pg. 3-8, 3-21, B-21	Somalia, C-4
defending, 7-8, 7-24, 7-50, 9-25	Aideed, C-15 Haiti, 8-24	support operations, 4-22 transportation command,
ground, 2-12, 2-15, 2-56	harbor defense, D-23, D-24	D-31
impartiality, 9-14 medical screening, 9-57	harbor security, Navy, D-22	HUMINT, 2-6, 4-41, 5-46, 6-43, 6-44, 6-49
•	I	I

advantages of, 4-46	infantry, 1-22, 4-3, 5-53	effects of, 4-32, 4-75, 9-56
assess, pg. 5-10	infiltration, 6-30, fig. 6-5	engineering support, 9-82
HUMINT (continued)	counterattacks, 7-49	example, pgs. 2-25-2-26
decisive operations, 6-24	prevention of, 7-10	fire fighting support, 9-85
effects of, 5-47	reconnaissance, 4-54	identifying, 9-10, D-29
establishing, 8-21	informal system, 2-70	intelligence, 4-46
paying for, 9-71	information, 2-61–2-67, 4-61, 6-48	IPB, B-3, B-11, B-19
PSYOP, 4-66	Air Force, D-6	ISR, 4-37
requirements, 4-46	assessment, pg. 5-10, 6-45	overlay, B-40
stability operations and support operations, 5-47	assurance, 4-75 environment, B-5, B-15	preserving, 8-29, 8-37, 9-57, A-24, A-25
1	infrastructure, fig. B-5	protecting, 5-13, 8-6, pg. 8-9 8-27, 9-6
IDF, attack, fig. A-4, fig. A-5, A-11,	insufficient, 2-67	resources, 2-60
A-13	isolation, 5-11	resupply, 9-27
close combat, A-21	ISR, 4-37	risk to, 4-8
disruption by, A-15	media and, pgs. 3-9–3-10	ROE, 4-27
massing effects, A-14	OPSEC, 4-63	society, B-19
media, A-9	overlay, B-40	stability operations and
naval forces, A-10	overload, 6-26	support operations, 2-60
OPERATION PEACE FOR	relevant, B-5, B-6	support from, 2-55, 8-2
GALILEE, A-1	sources, 3-24, 4-82, 5-48, 6-43, 6-44	sustaining operations, 8-8
options, A-2	time, 4-75	terrain, B-19
position, A-3-A-4	validation, 9-71	threat and, 3-11
PSYOP, A-20	war, 3-26	understanding, 9-93
imagery, capabilities, 4-39	INFOSYS, 4-74, 5-25, 5-93–5-97,	urban, 2-55–2-77
IPB, B-34	6-49	initiative, to seize, 3-10
ISR, D-34	challenges, 4-15, 4-76	transition, 5-20
space-based, D-34	commander, 5-88	injuries, types, 9-64
IMINT, 4-53, 6-44	space command, D-34	instability, 3-36–3-39, 3-40
capabilities, 4-49, 4-50	time, 5-99	insurgencies, pg. 3-16, 3-48
imperatives, 1-27, fig. 1-2	infrastructure, 2-3, fig. 2-1, 2-55–	insurgency support, 4-21
Inchon, pgs. 6-30-6-32, fig. 6-18	2-77, fig. 2-11, pg. 3-1	insurgent, conventional threat vs.
incident overlay, B-40	affected by, 8-14, 8-19	6-54
indirect approach, direct approach	analysis, 9-11, B-19	criminals and, 3-53
vs., 7-31	blueprints, B-36	integration, 4-15
indirect fire, 5-65, 6-58	civilian, 2-58, 4-72	commander, C-23
environment, 5-61	communications, 5-41	CSS, 9-6
masking from, 7-5	control of, 1-9	ISR, 4-56-4-58
synchronizing, 7-16	CSS, fig. 9-2, 9-18	land operations and, 4-23–
industrial area, 2-32-2-35	damage to, 9-56	4-90
overlay, B-40	destruction of, 2-56, 2-59	Marine Corps, D-16
survivability, 9-4	distribution, 9-48	space command, D-32
industry, growth, 3-34	DNBIs, 9-57	threats, 5-32

intelligence, 4-74. See also IPB; PA, 8-26 isolation, 2-55, pg. 3-1, 4-5, 5-9-ISR 5-12 performing, A-18-A-20 aid to, 6-61 assess, pg. 5-10 psychological, pg. 9-19 BOS, 5-40-5-48 air interdiction, D-7 PSYOP, 8-26, A-20 intelligence (continued) avenue of approach vs., 4-14 risks, 4-15 CA, 9-91 decisive points, 5-9 shape, 8-26 civilians, pg. 7-15, 9-91 defeating, 7-34-7-35 stability operations and collecting, 8-21, 9-91 support operations, 5-30 defense and, 6-28 directions for, B-1 tactical level. 5-11 effects of, pg. 6-24, 6-73, 9-59 identifying, B-6 threats and, 3-26 force protection vs., 8-23 infrastructure, 4-46 transition, pg. 5-12 frontal attack vs., 7-31 products, 5-89 IPB, pg. 2-1, 3-35, B-1-B-41 Hue, pgs. 6-21-6-24 resources, 5-47 analysis, 6-45, B-3, B-9, B-11, B-18 indirect fire, 5-61 support, 3-24-3-25, 4-36 application of, B-2, B-33 IO, 6-62 systems, 5-40, 5-41 merchant class, 3-49 categories, fig. B-6 interdependence, 2-56 challenges of, 4-15, B-12, Metz, pg. 6-12 internal space, 2-11 B-41 objectives, 5-9, 6-55 international agreements, 3-23, characteristics, B-9-B-19 5-66 operational, pg. 5-11, 6-53 commander, 9-92, B-21 international law, 3-22. See also physical, 5-10 complexity, B-3 law prevention of, 7-31, 7-34legal support, 9-77-9-78 criminal organizations, B-27 7-35 interoperability, 2-25 hydrographic surveys, B-37 **PSYOP**, 4-67 intrasurface area, 2-15, 3-29 imagery, B-34 reaction to, 6-59, fig. 6-13 challenges, 5-41 medical, 3-46 requirements, 6-54 overlaps, B-11-B-12 effects of, 5-51 security vs., 8-23 process, 5-45, B-2 shaping, 6-12, fig. 6-11, 6-19, imagery capabilities, 4-39 6-52, 6-53-6-60, C-19 IO, 2-54, 2-63, 3-23, 4-61-4-83 products, B-33 Stalingrad, pg. 7-8 activities, fig. 4-4 relationships, B-3 Suez, pg. 7-14 Beirut, A-9, A-18-A-20 situational understanding, supplies and, 9-25 pg. B-1 CA, 8-26 society, B-11, B-18 sustaining operations, 6-15 CMO, 4-79, 9-91 steps, fig. B-1 synchronization, pg. 7-15 consequences, B-12 threat, 6-22 support to, 9-10 considerations, 4-62, C-18 system of systems, B-11 urban, fig. 5-2 culture, 5-36 technology, B-41 ISR, 2-7, 4-37-4-60 deception, 4-69 affected by, 7-7, B-15 terrain, B-11 defense, 4-62, 5-11, 7-34 threat, B-23 Air Force, D-6 elements, fig. 4-4 time, B-3 assessment, 6-41-6-45 focused, 5-25 tools, fig. B-7, B-33-B-41 assets, 4-47, 4-60, 6-42, B-29 hub, 2-18 challenges, 4-38-4-46 UO, pg. B-1 isolation, 5-11, 8-26 urbanization of, B-1-B-8 commander of major media. A-9 operations, 4-23 use of, 5-3 offensive operations, 4-62, conducting, 4-47-4-60, 6-41, 6-62 isolated groups, attacks on, 3-33 7-46

COP, 4-52 laundry, field services, 9-39 level of conflict, 1-21 defense, 4-52 law. 3-19. B-40. See also levels of war, 5-106, 8-16, B-7 international law and US law efforts, 4-47 Liberia, pg. 3-16 agreements, 5-66 executing, 4-37 light textile repair, 9-39 host-nation, 9-77-9-78 identification of, B-6 linear pattern, 2-20 mortuary affairs, 9-37 ISR (continued) linguists, decisive operations, 6-24 law and order, establishing, 8-6 imagery, D-34 link diagram, IPB, B-39 protecting, 8-27 integration, 4-58 Liri valley, 1-10 law enforcement, 3-53, pg. 3-17, link, 4-56-4-57 LNO, 4-89, 5-96, D-4 4-2 physical challenges, 4-38 local law enforcement, 2-25, C-12 civilian, pg. 8-13, 9-49, 9-79 risks, 4-15 LOCs, 2-10, 2-13, 2-16, 2-17, gangs vs., pg. B-14 2-19, 2-48 time. 4-60 operations, D-25 attack of, 6-14, 6-15 Israel, pg. 5-31 law of war, 4-30 engineer support, 9-82 Israeli Army, Suez, pgs. 7-13international law, 9-77 7-15 infrastructure, B-40 principles of, fig. 9-4 Kosovo, pg. B-6 violations of, 9-59 J-K-L protection of, 8-8 lead agency, domination, 5-19 JFC, pg. 1-1, pg. 4-1 security, 7-19, 9-50 leadership, 2-50, 5-12, 8-42, 9-59, coordination, 4-36, 4-85 stability operations, 5-75 fig. B-4 responsibilities, D-2, D-22, sustaining operations, 7-19 detailed reconnaissance, D-23 turning movement, 6-29 6-63 joint functional command, D-2 LOGCAP, LPT planning, 9-13 Los Angeles, pg. 8-13 actions. C-3 logistic, constraint, A-6 operational framework, 5-1, commander, 4-16, 4-17, 4-86 information, 9-11, fig. 9-2 5-2 forming, D-1 operations, 2-69 political, 3-12 JTF, 1-24, 2-16 support, 3-24-3-25, 4-4, 9-11, Somalia, C-13 synchronizing, D-2 9-28, B-40 legal, considerations, 2-60 JUO, 4-10, 4-16-4-17, D-1-D-54 logistics, 2-60 constraints, 8-37, 9-80 C2, 4-85 civilians, 6-18 support, 9-75-9-80 fires, 6-58 planning, pg. 6-3, 9-1, 9-2 legitimacy, 1-24 forces, 4-8 stress to, B-18 Belfast, pg. 8-9 framework. 5-1 support to, 6-18 challenges, 3-54, 3-55, 5-37, land operations, 4-16 sustaining operations, 6-16 8-37 organization, fig. 4-2 system, 9-3 civilians, 8-41, C-25 support, 4-36 LOS, 5-60, B-40 creating, 5-12, C-19 unity of effort, D-37 Los Angeles, 1-19, pg. 8-13, forces, 9-14 pg. B-14 Kabul, pg. 3-16 maintaining, 3-23, 8-39, 9-23 LPT, analysis of, 9-13 key terrain, 3-21 religious support, 9-74 assess, 9-9 essentials, 5-28 stability operations, C-16 commander, 9-16, 9-54 facilities, 3-27 stability operations and CSS, 9-9-9-17 support operations, 8-7 water. 9-35 logistic information, 9-11 weaken, 3-26 King, Martin Luther, 1-19 society, 9-13 Leningrad, 1-8 Kosovo, 5-48, pgs. B-6-B-7

lessons learned, Somalia, C-9

land units, consists of, D-2

M	masking, 7-5, 7-11, D-20	military objectives, 8-43
MacArthur, Douglas, 1-14–1-15,	massing effects, 3-18, 7-36, 7-41	political objectives vs., 8-16
pg. 6-30, pg. 6-32	defensive operations, 7-15-	stability operations and
mafia, pg. 3-17	7-16	support operations, 8-16,
maintenance, CSS, 9-40-9-46	IDF, A-14	8-17-8-20
location of, 9-11	SOF, D-36	support of, 3-54
maintenance (continued)	matrices, IPB, B-39	support to, 5-85
rapid recovery, 9-41	measured restraint, Somalia, C-25	military police, 9-49
replace forward, 9-42	measures, resources and, 2-53	military victory, A-16
support from, 9-40	measures of effectiveness, 8-17,	misinformation, 3-26, 4-72. See also disinformation;
support team, 9-43	8-18, 8-19	propaganda
major operations, pg. 4-1, 4-9	media, 2-64–2-67, 3-27, 5-106	communications, 4-75
defense, pgs. 7-6-7-9	access of, 2-64	media, A-19
executing, 5-38	bias, 2-67	missile threat, 5-69-5-70
major urban operations, 4-16-	control, A-19	mission, accomplishment, 5-28
4-22	cooperation, 2-66–2-67	analysis, 8-17
maneuver, 2-16, 2-23, 2-26, 2-69,	effects of, 5-85, A-9, C-8, C-14	changes, 6-83–6-84
3-32, 5-49–5-55, 6-57–6-58, 6-71–6-73	evaluation of, B-39	command, 5-84
air, 5-52	influencing, 4-82, A-9	commander, 8-30
application of, 6-72, 6-75, 7-6	information and, pgs. 3-9–	orders, 6-64, 7-47
bold operational, pgs. 6-30-	3-10	statement, 7-30
6-32	integrated, 4-81	mobile defense, 7-22-7-24
challenges, 4-49, fig. 5-6,	IO, A-9	fixing force, 7-37
6-72, pg. 6-31	PA, 4-80	principles of, 7-22
freedom of, 6-77	perceptions, 5-25	separation, 7-36
ground, 6-65	public and, 2-65	Stalingrad, pg. 7-9
offensive, 6-27, 6-28-6-32	stability operations and	urban area, fig. 7-1
operational, 6-72	support operations, 8-16	mobility, 3-22, 5-72-5-79, 6-65
planning, B-40	threats and, 3-26	advantage, 7-22, 7-24, 7-39-
surveillance vs., 6-58	use of, 3-23, A-9, A-18, C-20	7-40
synchronization, 5-67, 6-5	media analysis matrix, IPB, B-39	affected by, B-16
Manila, 1-14, 1-15	meeting engagement, 6-34	aircraft, D-19
man-made features, 2-7, B-15	merchant class, 3-49-3-51	corridor, 2-10
MANPADS, 2-12, 5-52, 6-57, 7-23	METT-TC, 1-2, 2-4, 3-1, 5-3	defense, 7-7, 7-14, 7-40
man-portable weapons and	assess, 7-30	engineer, 9-83
equipment, maintenance, 9-43	constraints of, 8-34	METT-TC, 8-23
maps, 5-88–5-89	CSS, 9-8	task organization, 7-22
Marine air-ground task force, capabilities, D-14–D-15	field services, 9-30	transportation, B-40
Marine Corps, capabilities, 4-36,	supplies, 9-28	model, urban, 2-27–2-41, fig. 2-5
D-12–D-16	Metz, pgs. 6-12–6-13	momentum, 4-9, 5-20
Marine expeditionary force, 4-86	Mexican War, 1-12	morals, 3-19, 3-23, 9-73
Marine expeditionary unit,	MHE, survivability, 9-4	mortuary affairs, 9-36–9-37, 9-67
operations by, D-14	migration, 3-37, 3-40, 3-48, 8-2	Moscow, 1-11
	military necessity, fig. 9-4	movement, control, 7-19, 9-49

dismounted, 4-54, pg. 5-11, isolation, 5-12 offensive IO, nonlethal capabilities, 9-80 5-51. 5-73 matrix, B-39 techniques, 4-54 operational level, 5-11 OPSEC, 4-15, 4-64 movement to contact, 6-33-6-34 **PSYOP**, 4-67 shaping operations, 8-7 MTW, 1-21, 1-22-1-23, 5-78, B-23 use of, 6-4 stability operations and air interdiction, D-7 support operations, 8-24 offensive isolation, 6-55 MTW (continued) threat analysis, 3-25, 3-55, offensive maneuver, 6-27, 6-28-B-22 6-32 isolation, 5-10 NEO, 4-21, 5-18 offensive operations, 1-2, 4-19, organizations, 4-87 5-86 noncombatants, Beirut, A-28-ROE, 4-26 A-29 assessment, 6-40 multinational, capabilities, 5-94 density, 5-100 battlefield organization, 6-12considerations, D-51-D-54 6-26 separate from, 5-31-5-32 forces, 4-8, D-51, D-53, D-54 casualties, 4-5 noncontiguous operations, 5-84 operations, 4-27, D-1-D-54 characteristics of, 6-2-6-11 nonlethal force, 9-80 partners, 1-24, 1-25 civil considerations, B-7 nonlethal weapons, 5-66 Multiple Launch Rocket System, civilians, 2-39 nuclear power, 2-73 5-61 close combat, 5-26 OAKOC, assessment, 7-32 munitions, 4-7, 5-63-5-64 core, 2-31 terrain, fig. B-3, B-14, B-15, B-19 countermobility, 5-76 N-O objectives. See also military effective, pg. 7-15 national forces. D-53 objectives; political objectives engineer units, 9-83 National Guard, 1-19 collateral damage, 4-8 equipment, 4-7, 9-43 Los Angeles, pg. 8-13 exploit, 3-12 EW, 4-70 national objectives, ROE, 4-26 goals and, 4-80 fire fighting support, 9-84 national security policy, pg. 1-1 isolation, 5-9 HRS, 9-68 NATO, 2-67, 4-39 offensive isolation, 6-55 intelligence systems, 5-41 natural disaster, pg. 3-1, 4-44 political, 3-12 IO, 4-62 natural features, 2-25 prestige, 1-11 IPB, B-23 effects of, 2-21 observation points, 3-29, 4-43, limitations of, 3-20 IPB. B-14 4-50 maneuver, 5-52 naval coastal warfare, JFC, D-22 obstacles, 2-12, 2-13, 2-15, 2-17, mission changes, 6-83 naval forces, IDF, A-10 2-31, 5-50, 5-59, 7-48 MTW, 1-23, B-23 creating, pg. 7-14, 7-48, 9-23 naval gunfire, challenges of, D-20 munitions, 4-7 effects of. 6-21 Navy, capabilities, 4-36, D-17overlay, B-40 D-23 reinforcing, 7-16 preparation for, A-14 defensive operations, D-18 offense, 1-17, pgs. 6-12-6-13 purpose of, 6-1 SOF, D-45-D-46 advantage, 1-8 shaping, 6-12, 6-65 NBC, 3-2 concentration, 6-5 Somalia, C-26 negotiation, 9-51, A-12, A-17 dominate, 5-16 stability operations and network pattern, 2-19 supplies, 9-26 support operations vs., 8-3 New York City, 1-12, pg. 3-17, 4-2 transition to, pg. 6-30 supplies, 9-21, 9-26 NGO, 1-24, 1-25, 5-48 urban forms, 6-27-6-38 sustaining operations, 6-12 aid from, 3-40, 6-18, 9-54 offensive considerations, 6-39task organization, 6-80 6-85

coordination with, 7-43

transition, 6-80, 6-81, 6-83, battle command, fig. 5-1, 5-2 Panama, fig. 4-2, fig. 5-3, 7-52 pgs. 5-9-5-12 defensive operations, 7-29 transportation, D-29 direct fire, pg. 6-28 IO considerations, C-18 TTP, 6-84 task organization, pg. 6-28 offensive operations, 6-39 types, 6-33-6-38 Paris, 1-11, pgs. 2-25-2-26 stability operations and urban patterns, 2-17 support operations, 8-15 pattern analysis, 3-18, B-39 warfighting, B-7 operational level, 4-80 population, 2-47 open areas, 2-14 area defense, 7-21 terrain, fig. B-3 OPERATION BLIND LOGIC, decisive operations, 8-6 patterns, broad urban, 2-17-2-21, pg. 5-12 fig. 2-3 offensive IO, 5-11 **OPERATION CONTINUED** peace, maintaining, C-7 resources, 4-33 HOPE, C-6-C-7, C-8, C-13, peace enforcement, C-25 Stalingrad, pg. 7-9 C-18, C-23, C-27 operations, B-27, C-6 support, 4-35 OPERATION DESERT SHIELD. peace operations, 4-21, 5-18 operations, complications to, 8-5 Coast Guard, D-24 peacekeeping, media, 2-67 conducting, 4-2 OPERATION DESERT STORM, Somalia, C-6 air interdiction, D-7, D-12, D-24 dispersed, 3-16-3-18 penetration, 6-31, fig. 6-6 OPERATION JUST CAUSE, effects on, 5-38-5-107 fig. 4-2, pgs. 5-9-5-12, pg. 6-28 Metz, pg. 6-12 executing, 4-18 OPERATION PEACE FOR perception, civilians, 5-35, 8-22 decentralized, 3-16-3-18 GALILEE, A-1, A-2, A-29 impacts on, 5-32 risks to, 2-21 **OPERATION PROMOTE** IO, 5-25, 8-7 OPSEC, 4-63-4-64 LIBERTY, pg. 5-12 legitimacy, 8-39, C-25 assess, C-18 OPERATION PROVIDE RELIEF, weakness, 3-13 constraints of, 8-34 C-3, C-25, C-27 shaping, C-19 media. 2-66 OPERATION RESTORE HOPE. perseverance, 8-35-8-36 Air Force, D-10 PA, 4-83 perspective, threat, 5-66 dominate, C-25 risks, 4-15 planning, C-4, C-11, C-14 urban, 1-2-1-3 organization, 2-50, 3-1, 4-17 PGM, 3-16, 3-18, 5-63 PSYOP, C-20 organizations, 4-87, 8-24 phase lines, 2-25 Somalia, C-4 outlying high-rise area, 2-36-2-37 phased withdrawal, C-8-C-9 success, C-27 overlay, IPB, B-40-B-41 UNITAF, C-12 physical preparation, 5-21 over-the-shore operations, 4-14 PIR, identification of, B-6 unity of command, C-22 plan, assessing, 9-10 **OPERATION UPHOLD** P DEMOCRACY, 8-24 major operations, 5-38 PA, 2-54, 4-80-4-83 OPERATION URANUS. transition, 5-20, pg. 5-11 aid from, 4-80 Stalingrad, pg. 7-8 planner, 9-9, 9-15, 9-28, 9-14 CMO vs., 9-91 operational, considerations, 4-1 planning, 4-1, pgs. 6-3-6-5 commander, 2-66 context, pgs. 6-3-6-5 affected by, 5-100 effectiveness, 4-81 control, C-24 cycle, 5-101 EOD, 9-65 guidance, A-26 effects of, pg. 9-19 initiatives, C-19 tasks, 4-17 essential services, 5-33 IO, 8-26 operational framework, 4-23, 5-1-ISR, 4-37, 4-38 OPSEC. 4-83 5-23, C-1-C-28 operational, 4-47, 9-2, 9-20 principles, 4-83, fig. 4-5 applying, pgs. 5-9-5-12 overlay, B-40

redeployment, 9-76 population. See also civilians principles of war, applying, 5-29 transition, 5-23, 8-42, 9-76 assistance to, 9-83 CSS, 9-8 PLO, 1-10 attitude of, D-51 operational framework, 5-2 attacks, A-13 capabilities of, B-39 prisoners of war, 2-14, 3-23 Beirut, pg. 6-28 changes of, 4-37 problems, identifying, 8-24 defense, fig. A-3, A-22 control of, 2-54 products, requests for, B-33 disruption of, A-15 demographics, 2-38, 4-31, propaganda, 3-26, 3-48, 4-68. See also disinformation; fig. B-4 intelligence for, A-8 misinformation diversity, 5-7 PLO (continued) proportionality, law of war, fig. 9-4 effects of, 3-9, 6-17, 9-51, IO, A-9 protected target, overlay, B-40 9-83, B-7 OPERATION PEACE FOR growth, 1-1, 3-34, 3-36, 3-37, protection, 3-22 GALILEE, A-1 fig. 3-5, add on, 9-44 organization, A-5 IPB, B-3 challenges of, 4-10 resources, A-3, A-18 managing, 7-42-7-43, B-31 civilian agencies and, 8-2 response, A-11 matrix, B-39 providing, 7-4 PME, 1-25 media and, 2-65 survivability, 9-4 activities, 1-21 protecting, 5-13, 7-18, 7-42 psychological, analysis, B-38 IPB. B-23 reactions of, 5-45 combat stress, pg. 9-19 Poland, pollution, 3-45 relationships, 9-91 considerations, 6-81 policy, limitations, 8-37 resistance from, B-24 PSYOP, 1-22, 2-6, 4-3, 4-65political, awareness, 5-85 risk to, 4-8 4-67, B-38 characteristics, 4-46, 8-16 size, 2-45-2-47, fig. 2-8 Beirut, A-29 collapse, 3-54 status, B-40 EOD, 9-65 concerns, B-32 support from, 9-15, B-24 IO, 6-62, 8-26, A-20 key terrain, 5-28 support to, B-8 isolation. 5-12 power, 3-49, fig. B-4 trend, 1-1 lack of, C-19 stability, 4-79, C-1 understanding, B-39 Metz, pg. 6-13 transition, 5-23 urban patterns, 2-47 OPERATION PEACE FOR victory, A-16 GALILEE, A-29 use of, 3-20-3-25 political objectives, 8-43 societal aspects, 4-65 youth, 3-38 military objectives vs., 8-16 use of, 4-66, 4-67 port security, D-24 stability operations and weather, B-16 positions, 5-77, 5-95 support operations, 8-17pull system, tempo, 9-29 8-20 postcombat operations, 4-26 pursuit, 6-38 support of, 3-54 power, competing for, 3-47-3-56 Pusan Perimeter, pgs. 6-30-6-32 support to, 5-85 merchant class, 3-49 push system, 9-29 pollution, 3-43-3-46 vying for, 3-47 effects of, 3-45, 9-56, B-16 preparation, casualties, 9-56 Q-R weather. B-16 defensive operations, 7-3-7-7 quality of life, 3-36 popular support, 4-80, 5-66, 8-35, major operations, 5-38 9-36, 9-81, B-16, C-19 radiation, effects of, 3-9 transition, 5-20 Beirut, A-17 radiological, 3-3 preparedness, 1-26 Somalia, C-14 radiological contaminants, 4-29 preventive medicine measures, warlords, 3-54 9-57 raids, 3-33

range of operations, 1-2, 1-22,	impact of, 9-72, 9-74	risk, fig. 4-1, 5-66
4-18, 5-9	society, fig. B-4	frontal attack, 6-32
CSS, 5-81	religious support, 9-72–9-74	increasing, 4-40
forces, 4-34	replacements, training, 9-68	management, fig. 4-1
information, 5-97	representations, B-35	surviving, 9-4
IPB, B-2	requests, joint support, 4-36	risk assessment, 4-8, 5-6
training, 1-26	reserve, mobile, 5-21	Somalia, C-15–C-18
transition, 6-78	residential area, 2-38–2-40	risk reduction measures, 4-14–
Rangers, capabilities, D-39	resource management operations,	4-15
direct action, 6-61	9-69, 9-70	river-crossing operations, 2-13
reachback, 4-36	resources, 2-60, 3-11, 6-24	ROE, 1-26, 3-22, 3-23, 4-25-4-32
reconnaissance, 3-15, 3-17, 4-36,	allocations, 4-33-4-36	authorities, 4-25
4-37, 4-53, 4-54, 5-13, 5-86, 6-48, fig. 6-10	challenges of, pg. 6-12, 7-13, 9-27, 9-35, 9-46	characteristics, 4-27
aerial, D-25	close combat, 5-26	civilians, B-18
assessment of, 4-60	CMOC, 4-88	commander, 4-23, 5-30, B-9
civilians and, 7-11	criminal organizations, B-32	conflicts with, A-26
degraded, 5-41	defense of, 7-18	developing, 4-26, 9-75, B-9
failed, pg. 7-15	distribution of, 8-20	legal considerations, 9-75
ground, 4-53	exhausting, 7-21	mission command, 5-84
human capabilities, 4-41	identifying, 9-10	operational commander, 5-106
integration of, 5-58	integrating, pg. 4-1	risks, 4-15
intelligence, 5-40	intelligence, 4-38, 5-47	stability operations and
joint operational, 6-44	isolation, 7-35	support operations, 8-3
leader, 6-63	joint, 4-36	targets, B-40
limitations, 6-45	location of, B-40	Roman Empire, 1-4, pg. 1-4
movement to contact, 6-34	major operation, pg. 4-1	
restrictions of, 7-26	offensive operations, 4-19,	S
security of, 7-10	pg. 6-1	safe area, 3-41
sequencing, 4-59	PLO, A-18	safety. See also protection;
SF, D-41	population, 7-43	security
targeting, 4-58	prioritize, 8-29	challenges of, 4-10
time, 4-50	providing, 5-22, 6-16, 8-28,	civilians, 5-91
Vietnam, pg. 9-3	B-32	Saigon, 1-11
redeployment, planning, 9-76	separating from, 7-36-7-38,	sanctuary, prevent, 3-14–3-15
rehabilitation, of Somalia, C-6	shaping, 8-28	satellite pattern, 2-18
relationships, affected by, 5-13	stability operations, pg. 5-12	scheme of maneuver, B-14
relief, dangers to, C-4	supporting, 9-3	sea-air-land team, D-45
Somalia and, C-2	survivability, 9-4	search and attack, 6-33
relief operations, 2-75	tempo, 6-8	search-and-rescue teams, 9-60
supply, 9-23	threats, 3-52	security, 3-25
threat forces and, 3-25	use of, 9-83, B-29, B-30	accomplishing, 8-16
relief organizations, C-2, C-25	retrograde, 7-25–7-28, fig. 7-5,	assessment, pgs. 8-9–8-10
religion, 3-39, pg. 3-13, 4-46	D-18	communications, 5-95
	Rio de Janeiro, pg. 3-17	

considerations, 8-21 **OPERATION CONTINUED** smaller-scale contingencies, 1-13, HOPE, C-19 1-21, 1-24 defense, pg. 7-15, 7-8-7-11 **PSYOP**, 4-67 SOCCE, 4-86 environment, 7-10 security operations, 8-27social segmenting, 2-21 forces, 7-41 8-28 social stability, establishing, 4-79 isolation vs., 8-23 separation, 7-36 societal, 3-39 LOCs, 9-50 Somalia, C-19-C-20 characteristics, 5-42, 5-89, operations, 8-27-8-28 stability operations and fig. B-4 port, D-22, D-24 support operations, 8-25effects, 4-30-4-31 speed and, 6-76-6-77 8-29, 8-42 understanding, B-17, B-30 sustaining operations, 6-13 support operations, 8-29 societal considerations, CSS, segment pattern, 2-21 transitioning, 7-21 9-13-9-15 sensors, 6-42 transportation, D-10 importance of, B-7-B-8 sensor-to-shooter, 6-58, fig. 6-12 shaping operations, 5-8, 6-19 IPB, B-17 Seoul, 1-11, 1-18, fig. 4-2, commanders, 5-9 society, 2-3, fig. 2-1, pg. 3-1 fig. 6-18 defensive operations, 4-20, actions, 2-51 maneuver, pgs. 6-30-6-32 7-19 aid to, 8-35 sequencing, 5-13 limitations, 4-9 assessment of, 2-53, fig. 2-9, services. See also field services offensive operations, 6-12 C-10, C-16 capabilities, D-4-D-25 results of, 6-69 centralized, 1-1 restoring, 8-29 stability operations and composition, 2-48-2-49 support operations, 8-7 synchronized, D-2 effects of, 9-68, B-18 SF, capabilities, D-40-D-43 tactical battle, 7-38 elements of, 2-48, 2-54 shower, field services, 9-39 direct action, 6-61 influencing, 2-43, fig. 2-7 siege, pg. 1-4, 1-23, 7-35 shantytowns, 2-40 infrastructure, B-19 Beirut, pg. 6-28, A-16-A-17, fire fighting support, 9-84 interests, 2-51 A-21, A-33 overlay, B-40 IPB, B-11, B-17-B-18 Metz, pg. 6-13 reconnaissance, 4-44 location, 2-48-2-49 Sierra Leone, pg. 3-16 shaping, pg. 1-2, pg. 4-2, 4-18, organizations, 2-76 5-8-5-14, pgs. 5-10-5-11 SIGINT, 4-53, 6-44 ROE, 4-27 capabilities, 4-49 actions, 5-13 size, 2-48-2-49 uses of, 4-50 Air Force, D-10 understanding, 9-93 attack. 6-68-6-69 simplicity, CSS, 9-5 urban, 2-42-2-54 situational understanding, 2-4, CA, 9-90 SOCOORD, 4-86 4-11, 5-88 capabilities, 5-8 SOF, 1-22, 2-6, 2-16, 4-3 challenges of, B-4 counterattacks, 7-44 Air Force, D-47-D-50 commander, B-9, B-33 CSS. 9-10 Army, D-38-D-44 establishing, 5-5 defensive operations, 7-33conventional forces, 4-84, imagery, B-34 7-34, 7-37 fig. 6-17 IPB, pg. B-1, B-4, B-34 distribution. D-10 direct action, 6-61 ISR, D-34 dominate vs., 6-74 integration of, 4-84-4-86, failure to, C-27 maneuver, 5-55 D-36 isolation, fig. 6-11, C-19 movement to contact, 6-34 Navy, D-45-D-46 offensive operations, 6-48 offensive operations, 6-52representations, B-35 6-69 SJA, 9-75, 9-76 tasks, D-35

time, 4-50 stability operations, 1-2, 2-51, assess, 8-16-8-24 4-21, 5-34, 8-10 use of, pg. 5-10, 6-4, 6-44, challenges of, 8-3 6-74 battlefield organization, 8-5characteristics of, 8-2-8-4, 8-8 solders, 1-27. See also forces fig. 8-1 civil considerations, B-7 ability, 3-3 CI, 4-76 civilians, 9-55 challenges for, 8-21, 9-33 civilians and, 3-20 CMO, 9-88 civilians and, pg. 3-8 CMOC, 4-88 Coast Guard, D-25 HRS, 9-67 COG, 2-43, pg. 8-1 commander, 4-90, 5-87 legal status, 9-78 concealment. 5-52 commitment, 8-43 protection of, 7-4, 7-5 considerations of, 8-15-8-43 countermobility, 5-76 solders (continued) coordination, 4-87 decisive operations, 8-6 defensive operations, pg. 8-1, psychology of, 7-50 DNBIs, 9-57 8-3, 8-15 risks to, 2-9, 3-33, 3-45 dominate, 5-18-5-19 definitions, fig. 8-2 stress to, B-18 effect on, 4-73 dominate, 8-30-8-39 training, 6-81, 9-33, 9-53 engineering, 9-83 economics and, 2-75 Somalia, chain of command, C-23 flexibility, 5-92 equipment, 4-7 initial UN response, C-2 IPB, B-23 escalation, 4-13 map, fig. C-2 isolation, 5-10, 5-12 EW, 4-70 multinational force, C-5 legitimacy, C-16 executing, 7-50 operations in, C-1-C-28 maneuver, 5-52 forms, 8-9-8-14, fig. 8-2 US involvement in, fig. C-1 HUMINT, 5-47 Marine Corps, D-14 Soviet, defense, 1-8 mobility, 5-75 infrastructure, 2-60 attack, fig. 7-4 IO, 5-30 offensive operations vs., 5-95 space command, D-32-D-34 perseverance, 8-36 measures of effectiveness. special operations, D-37 8-19 preparation, 6-81 special air wings, SOF, D-48media, 8-16 D-49 requirements of, 8-10 offensive operations, pg. 8-1, special boat unit, Navy, D-46 resources, pg. 5-12 8-3, 8-15 special operations aviation forces, restraint, 8-38 operational commander, 7-51 capabilities, D-44 Somalia, C-26 operational framework, 5-2 special operations command, strategic environment, 8-40 capabilities, D-35-D-50 OPSEC, 4-64 survivability, 5-77 special operations weather teams, political issues, 8-16, 8-40 tactical, 8-34 SOF, D-50 purpose of, 8-1, 8-2 threat analysis, B-22 special reconnaissance, 6-49 restraint, 8-37 threats, 8-2 challenges, 4-42-4-44 risks, 4-6 time, 8-21 special tactics forces, D-50 **ROE**, 8-3 transition to, 6-79 spectrum of conflict, 1-21, 5-97 shape, 8-42 transportation command, spectrum of operations, band support, 9-24 D-30 support, 9-81 synchronizing, 8-40 vulnerabilities, B-32 CSS, 9-36 transition to, 7-51 stability operations and support mortuary affairs, 9-36 operations, 2-5, pg. 3-1, 3-34, types, 8-9-8-14, fig. 8-2 speed, security and, 6-76-6-77 3-36, 3-51, 3-54, 4-4, 4-5, 5-13 stabilization, pg. 8-9, pg. 8-10 stability mission, TTP, 6-84 adaptability, 8-31 Stalingrad, 1-8

aims, pg. 8-1

attack of, fig. 7-2, fig. 7-3	tempo, 9-29	surface warfare systems, D-25
mobile defense, pgs. 7-6-7-9	time, 9-27	surprise, 2-16, 6-74
starvation, pg. 3-1	types of, 2-69	disruption, 7-14
status-of-forces agreement, 9-78	water, 9-32	electronics, 4-40
strategic, considerations, 4-1,	support, civilian, 3-12	Hue, pg. 6-21
5-25, B-32	host-nation, 9-4, 9-39	maneuver, 5-52
importance, 1-6–1-11	obtaining, 9-3	offensive, 6-3-6-4
level, 2-63, 5-96, 8-6	real-time, D-32	threat, 3-10
objectives, 4-26, C-28	support areas, 3-33, 9-16	surveillance, 4-36, 4-37, pg. 5-10
offense, pg. 7-6	support mission, infrastructure,	5-86
strategic (continued)	8-2	degraded, 5-41
ROE, 5-106	TTP, 6-84	joint operational, 6-44
situation, 5-23, A-1–A-2	support operations, 1-2, 2-39	maneuver vs., 6-58
strategy, 3-47, C-13, C-28	aerial delivery, 9-38	shaping operation, 6-56
stay-put policy, 2-39, 2-52	battlefield organization, 8-5–	targeting, 4-58
street patterns, 2-22, 4-44, fig. B-3	8-8	surveys, hydrographic, B-37
grid, 2-24–2-25	capabilities, 4-22	survivability, 5-72–5-79
lesser, 2-22-2-26	challenges of, 8-19, 8-34	CSS, 9-4
radial, 2-23	civil considerations, B-7	engineer, 9-83
types, 2-22, 2-26, fig. 2-4	civilians, 9-55	METT-TC, 8-23
stress, 9-59, B-18	CMO, 9-88	sustainability, CSS, 9-2
strong points, create, 7-4	Coast Guard, D-25	engineer, 9-83
structures. See also buildings	criminal organizations, 3-52	sustaining operations, 5-34
effects of, 3-9	decisive operations, 8-6	CSS, pg. 9-1
LOS, 5-60	DNBIs, 9-57	defensive operations, 7-19
overlay, B-40	dominate, 5-18–5-19	offensive operations, 6-12,
people and, 2-58	engineer, 9-83	6-13–6-18
subsurface area, 2-10–2-11,	field services, 9-30	security, 7-19, 9-50
fig. 2-2, 2-16, 3-28, 3-29	IPB, B-23	stability operations and support operations, 8-8
effects of, 5-51	Los Angeles, pg. 8-13	transition, 5-23
imagery capabilities, 4-39	LPT analysis, 9-13	symbolic importance, 1-11
overlay, B-40	maneuver, 5-52	synchronization, 3-18, 4-15, 4-84
subsurface attacks, 8-13	Marine Corps, D-14	assess, pg. 5-9
Suez Canal, pgs. 7-13-7-15	mobility, 5-75	Beirut, A-33
supersurface area, 2-10–2-11, fig. 2-2, 2-15, 3-28	offensive operations vs., 5-95	CMO, 2-66
supply, acquiring, 2-60, 9-79	shape, 8-29	combat power, 6-26
CSS, 9-11, 9-20–9-29	Somalia, C-26	CSS, 9-2
delivery of, C-2	stability operations vs., 8-6	decisive operations, 6-25
distribution, 9-25–9-29	stability operations and support operations, 8-11–	forces, 4-35
requirements, 9-21–9-24	8-14	isolation, pg. 7-15
routes, 9-50	threat analysis, B-22	PSYOP, 2-66
stockpiling of, 2-16	support tasks, 4-22	space command, D-32
storage, 9-25–9-29	surface, 2-13	transition, 6-82
3101 aye, 3-23-3-23	ĺ	11 ansidon, 0-02

system of systems, 2-3, 2-61, targets, 5-67 advantages of, 7-18 B-11 establishing, 4-43 alterations, 2-9 systems, 2-3, 2-4, 2-57, 2-60 fire support, 5-56 analysis of, 9-11, B-13, B-14, B-19 high-payoff, 4-36 assessment, 6-11 insurgency and, 3-48 tactical, actions, 5-106, 7-45 challenges of, B-2 naval gunfire, D-20 characteristics, 2-7, 3-17, agility, 6-65 task organization, 4-34 4-37, fig. B-3 combat, 4-36, 7-38, A-21 Aachen, pgs. 6-27-6-28 combat power, 5-102 communications, 7-13 Beirut, pg. 6-28 communications and, 3-18 considerations, 5-98-5-107 combined arms, 5-49, 5-53control of, 5-100 tactical (continued) 5-54 CSS, fig. 9-2 control, C-24 difficulties, 9-41 defense, 6-7, 7-3, 7-45 defense, pg. 7-6, pg. 7-8 direct fire, pgs. 6-27-6-29 dominate, 7-45 factors, 5-98, fig. 5-9 effective, 6-65-6-67 effects of, 5-51, 5-57, 5-103, ISR, 4-54 fire fighting team, 9-86 7-39, 9-43, B-14, B-15 offensive operations, 6-21 mobility, 7-22 frontal assaults, 4-5 plan, C-28 planning, C-17 infrastructure, B-19 transition and, 6-80 planning, 4-47 IPB, B-3, B-11, B-13-B-15 technology, 1-27, 3-5, 3-8-3-9 reconnaissance, 4-54, 4-55 Kosovo, pgs. B-6-B-7 surprise, 4-69, 6-4 continuous operations, 5-55 man-made, B-15 tempo, 6-7-6-8 data from, B-41 naval gunfire, D-20 tactical commander, 4-59, 4-69, threats, 3-27, 5-41 maximizing, 7-40 5-86, 6-20 using, 6-9, C-15 natural, B-14 assessment, 6-46 tempo, pg. 3-4, pg. 6-4-6-5 ROE, 4-27 close combat, 6-67 controlling, 3-10-3-11, 6-6 tempo, 6-7 mission orders, 6-64 create, 9-2, B-6 urban, 2-7-2-41 tactical level, 4-7, 4-80, 5-88 deception, 4-69 weather and, B-13-B-16 actions, 7-45 fratricide, 4-12 terrorism, 1-25, 3-14 communications, 5-96 maintain, 4-4, 4-9, 6-9, 9-2 terrorists, physical characteristics, decisive points, 5-10 offensive operations, 6-6-3-21 IO, 5-11 6-10 protection of, 3-36 tactics, 3-1, C-15 planning, 6-6 weapons of, 9-65 target, 3-2 speed vs., 6-10 textile repair, field services, 9-39 supply, 9-29 acquisition, 5-57-5-58, 5-104 theater, organization of, 4-16 challenges, 5-60 threats and, 3-10 theater of operations, 2-69, 3-7 protected, B-40 transition, 5-20 threat, actions of, B-4 proximity, 5-60 tenets of Army operations, fig. 8-3, air, 5-69 threat, 3-33 analysis, B-20, B-22 operational framework, 5-2 urban area, 9-4 assessment, 7-31, B-24, B-38 terminal, guidance, D-42 targeting, civilians, A-28 categories, B-24-B-28, transportation, 9-49 procedures, 4-15 fig. B-6 water. D-21 process, 5-90-5-91 civilians, 3-24, A-5, B-23 terrain, 1-10, 2-3, fig. 2-1, 2-7reconnaissance, 4-58 communications, 2-62 2-41, 2-58, pg. 3-1, 4-29 surveillance, 4-58 density, 5-100

-liiti 0 40	005 450	
dispositions, 6-48	SOF, 4-50	mission change, 6-84
disrupt, 7-36	stability operations, 8-21	offensive operations, 6-80, 7-21
effects of, 9-52	supplies, 9-28	OPSEC, C-18
identifying, B-20, B-23, B-25	training, 1-26, 2-53, 3-1, 3-33, 5-32, 5-99, 9-33	planning, 6-79–6-82, 8-42,
integration of, 5-32, A-5		9-76
IPB considerations, B-20– B-32	assessment of, 4-3	Somalia, C-6, C-26
	challenges, 3-3	stability operations and
isolation, 2-55, 5-9, D-7	CHS, 9-53	support operations, 8-40-
leadership, 3-13	close combat, 5-26	8-43
threat (continued)	combat stress, 9-59	stability tasks, 5-22
objectives, 5-69	commander, 8-31	synchronization, 6-82
operational principles, 3-1, 3-5–3-18, fig. 3-1	complexity, 3-3	transportation, 2-68-2-70
	considerations, 6-81	consists of, 2-68
perspective, 5-66	crowd control, 9-68	CSS, 9-11, 9-27, 9-47-9-52
psychological impacts, 3-31– 3-32	cultural, 5-45	evacuation, 9-60
reaction, 3-10, 6-59–6-60	effects of, pg. 9-19	food, 9-31
ROE, 4-30	EOD, 9-65	forms, 2-70
separate, 7-36	evacuation, 9-60	ground, 9-50
supply routes, 9-50	field sanitation, 9-57	infrastructure, fig. B-5
strategy, C-14	fire fighting, 9-86	limitations of, 9-50
stability operations and	INFOSYS, 5-97	nodes, 2-55
support operations, 8-2	IPB, B-5–B-6	overlay, B-40
targets, 5-69	maneuver, 5-55	planning, C-11
tactics, 3-19–3-33, fig. 3-2,	Marine expeditionary unit,	population, 9-51
C-14	D-14	protecting, 9-51, D-30
technology, 5-41	medical, 9-61	restoring, 9-83
terrorists and, 3-14	mission changes, 6-83	support from, 9-47
transportation, 9-52	national force, D-53	systems, 7-28, 9-52
types of, B-21	predeployment, 9-76	water, 9-31
vulnerabilities, 3-16, 4-53,	replacements, 9-68	weather, B-16
B-38	ROE, 1-26, 4-27	transportation command,
weapons, fig. 3-3	SF, D-41	capabilities, D-27–D-31
Tientsin, 1-13	shaping operations, 5-14	tasks, D-29
TIM, 2-9, 2-33-2-35, pg. 3-1	spiritual, 9-73	transportation component
dangers of, B-22	transition, pg. 1-2, 5-20–5-23,	command, D-28
DNBI, 9-56	pgs. 5-11–5-12, 6-78–6-85	treatment, medical, 9-61-9-64
survivability, 9-4	assess, pg. 5-10	Trenton, 1-12
water, 9-33	CA, 9-90, 9-93	trust, 2-66
time, 4-9, 4-46, 4-49, 5-99, 5-107	complexity, 5-20	TTP, 4-64, 6-84
information, 4-37, 4-75	control, 5-37, A-31-A-32	turning movement, 6-29, fig. 6-4
IPB, B-3	CSS, 9-10	
isolation, 7-35	defense, 7-46, 7-50-7-52	U–V
ISR, 4-60	human dimension, 5-36	UAV, 4-54, 6-24
lack of, pg. 7-15	mental preparation, 5-21	UN response, Somalia, C-2

unconventional force, 5-31
understanding the clan, Somalia, C-12–C-13
unexploded explosive ordnance, risks of, 9-65
UNITAF, challenges to, C-22
mission, C-4–C-5
tasks, C-12
unity of action, 4-86

unity of command, 5-84 targets, 9-4 W-X-Y-Z coordination, 8-33, 8-34 terrain, 1-10 warfighting, B-7 dominate, C-21 transportation, 9-48 stability operations and support operations, 8-30 Somalia, C-22-C-24 variations, 2-1, 5-43 unity of effort, 2-25 urbanization, developing threats, B-22 countries, 2-27, 3-37 warlords, 3-47, 3-54-3-56 coordination, 8-34 disease, 3-43-3-44 waste management, 9-87 joint operations, D-37 food, 3-40 shaping operations, 8-7 water, dangers of, B-22 negative effects of, 1-1, 3-34-SOF, D-36 fire fighting support, 9-86 3-56, fig. 3-4 furnishing, 9-24, 9-32 Somalia, C-22-C-24 stability operations and infrastructure, B-40 unity of purpose, 2-66 support operations, 8-2 purification, 9-32-9-35 UNOSOM I, mission, C-2, C-3 urban-oriented weapons, 3-30 requirements, 9-34 UNOSOM II, mission, C-6, C-23 US Army, history, 1-12-1-20 shortages, 3-40-3-42, UO. See also operations US involvement, phases, fig. C-1 pg. 3-14 conducting, pg. 1-2, A-10-US law, legal support, 9-79 terminal, D-21 A-15, fig. A-2 overlay, B-40 transportation of, 9-31 doctrine, 1-15, 1-17 values, 3-1 fundamentals, 5-24-5-37. weapon systems, 5-103, 6-66 vehicles, 9-41, 9-44 fig. 5-4 weapons, aircraft, C-17 Vietnam, pg. 9-3 modern, 1-21-1-28 Air Force, D-9 violence, 3-39 necessity of, 4-1-4-15 electronic, 4-70 visibility, affected by, B-16 participants, 9-70 food, 3-40 visualization, 2-11, pg. 5-1 preparing for, 1-26-1-28 power, 3-54 assessment of, 5-3 risks of, fig. 4-1 variations of, 3-30 commander, 4-24, 5-2, 5-3, urban area, advantages, 1-6, 1-7 weather, effects of, pg. 7-14, B-16 5-39, 5-86-5-89 attacks in, 3-4 terrain and, B-13-B-16 end state, 5-23 challenges, 4-42 withdrawal, 4-5 vital functions, denial of, 5-17 characteristics, 2-21, 6-3 counterattack, 7-27 vulnerabilities, 4-10-4-12 core, 2-29-2-31 cover and concealment, 7-26 Army forces, 8-21 decisive, 8-10 phased, C-8-C-9 aviation, 2-12, 9-38, D-49 definition, 1-3 relief, C-4 chokepoints, 6-14 economics, 1-9 WMD, 3-2-3-4, 3-27 combat power, 5-105 effects of, 9-19, pg. 9-20, CHS, 9-55 counterattack, 6-37 9-46 survivability, 5-79 ground movement, pg. 5-11 functions of, 2-27 vulnerability to, 4-10 identifying, B-39, C-14 IPB, B-3 World War II, 1-8, 1-14, 1-18 maneuver, 5-52 resources of, 9-46 Yorktown, 1-12 medical, 9-34 risk to, 9-85 youth, criminals, 3-53 Somalia, C-15-C-18 securing, 6-17 violence, 3-38 Stalingrad, pg. 7-7 strategic importance, 1-6-Yugoslavia, 4-39 1-11 sustaining operations, 6-13